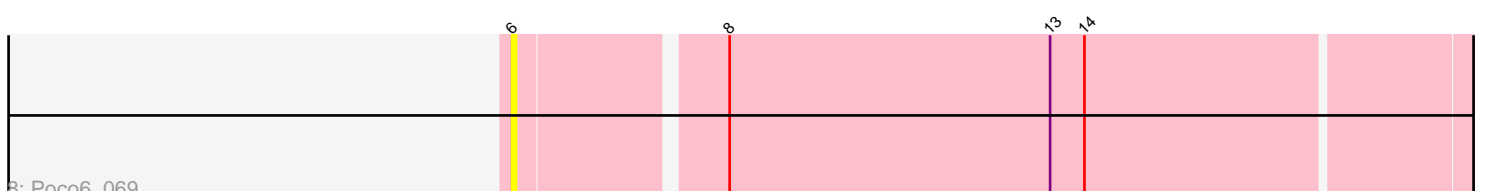
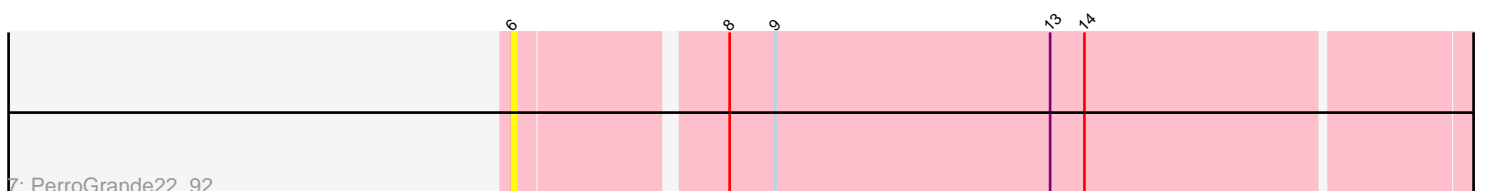
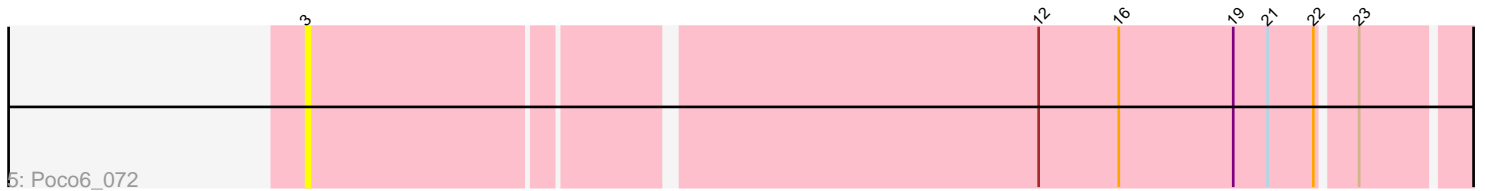
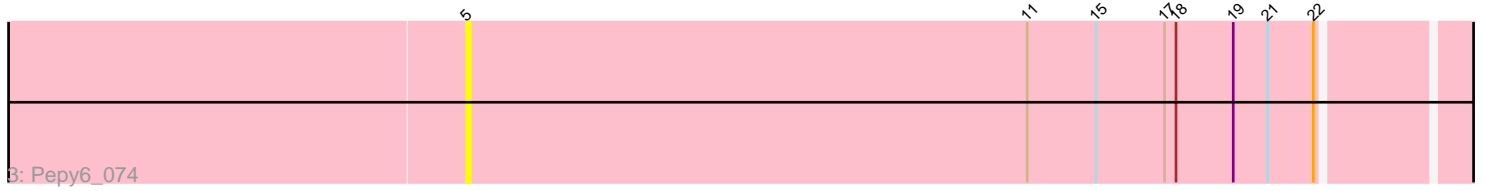
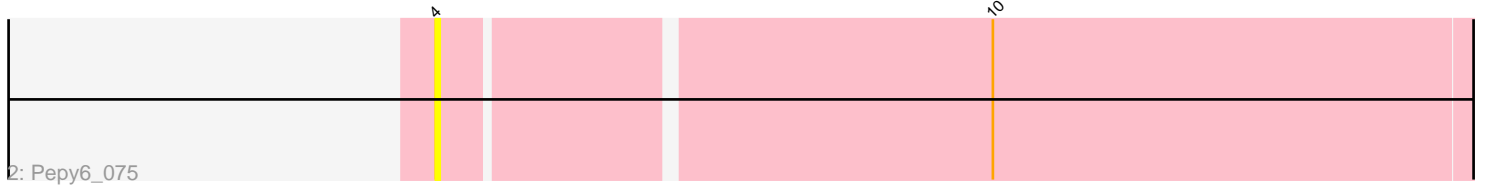
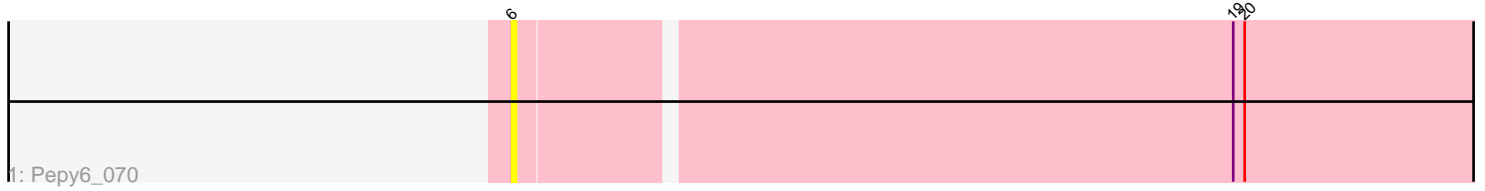


Pham 305526



Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 305526 Report

This analysis was run 06/08/26 on database version 649.

Pham number 305526 has 9 members, 9 are drafts.

Phages represented in each track:

- Track 1 : Pepy6_070
- Track 2 : Pepy6_075
- Track 3 : Pepy6_074
- Track 4 : PerroGrande22_89
- Track 5 : POCO6_072
- Track 6 : POCO6_073, PerroGrande22_88
- Track 7 : PerroGrande22_92
- Track 8 : POCO6_069

Summary of Final Annotations (See graph section above for start numbers):

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 3:

- Found in 2 of 9 (22.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: PerroGrande22_89 (CC), POCO6_072 (CC),

Start 4:

- Found in 3 of 9 (33.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Pepy6_075 (CC), PerroGrande22_88 (CC), POCO6_073 (CC),

Start 5:

- Found in 1 of 9 (11.1%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Pepy6_074 (CC),

Start 6:

- Found in 3 of 9 (33.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Pepy6_070 (CC), PerroGrande22_92 (CC), Poco6_069 (CC),

Summary by clusters:

There is one cluster represented in this pham: CC

Gene Information:

Gene: Pepy6_070 Start: 61518, Stop: 61811, Start Num: 6

Candidate Starts for Pepy6_070:

(6, 61518), (19, 61701), (20, 61704),

Gene: Pepy6_075 Start: 59597, Stop: 59881, Start Num: 4

Candidate Starts for Pepy6_075:

(4, 59597), (10, 59735),

Gene: Pepy6_074 Start: 59910, Stop: 60173, Start Num: 5

Candidate Starts for Pepy6_074:

(5, 59910), (11, 60057), (15, 60075), (17, 60093), (18, 60096), (19, 60111), (21, 60120), (22, 60132),

Gene: PerroGrande22_89 Start: 61683, Stop: 61979, Start Num: 3

Candidate Starts for PerroGrande22_89:

(1, 61635), (2, 61659), (3, 61683), (7, 61764), (12, 61869), (16, 61890), (19, 61920), (21, 61929), (22, 61941), (23, 61950),

Gene: PerroGrande22_92 Start: 63051, Stop: 63311, Start Num: 6

Candidate Starts for PerroGrande22_92:

(6, 63051), (8, 63102), (9, 63114), (13, 63186), (14, 63195),

Gene: PerroGrande22_88 Start: 61384, Stop: 61671, Start Num: 4

Candidate Starts for PerroGrande22_88:

(4, 61384), (10, 61525), (18, 61573),

Gene: Poco6_072 Start: 61081, Stop: 61374, Start Num: 3

Candidate Starts for Poco6_072:

(3, 61081), (12, 61264), (16, 61285), (19, 61315), (21, 61324), (22, 61336), (23, 61345),

Gene: Poco6_073 Start: 60766, Stop: 61053, Start Num: 4

Candidate Starts for Poco6_073:

(4, 60766), (10, 60907), (18, 60955),

Gene: Poco6_069 Start: 62459, Stop: 62719, Start Num: 6

Candidate Starts for Poco6_069:

(6, 62459), (8, 62510), (13, 62594), (14, 62603),

